

Title (en)
Drawing machine

Title (de)
Ziehvorrichtung

Title (fr)
Dispositif d'étirage

Publication
EP 1938912 A1 20080702 (EN)

Application
EP 07150416 A 20071224

Priority
US 61808206 A 20061229

Abstract (en)
A drawing machine includes a plate (10), a clamping device (20), a driving device (30) and a cam (40) which has a groove (41) and a ridge portion (42). The clamping device includes two jaws movable on a first surface of the plate, a following roller (34) movable on a second surface of the plate and a linkage for connecting the jaws to the following roller. The driving device (30) includes a following roller (34) attached to the second surface of the plate. wherein the following roller (34) of the driving device (30) is received in the groove (41) of the cam and moves between the first and second positions so that the ridge portion (42) drives the plate (10) to reciprocate horizontally and control the clamping device (20) to switch between the clamping and releasing modes.

IPC 8 full level
B21C 1/28 (2006.01); **B21C 1/30** (2006.01); **F16H 25/12** (2006.01)

CPC (source: EP US)
B21C 1/28 (2013.01 - EP US); **B21C 1/30** (2013.01 - EP US)

Citation (search report)

- [A] EP 0112805 B1 19870909
- [A] EP 0306608 A2 19890315 - KIESERLING ZIEHMASCHINEN [DE]
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- [A] US 3138243 A 19640623 - OAKLEY STERLING A

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CN109789456A; US11498102B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1938912 A1 20080702; **EP 1938912 B1 20090304**; AT E424264 T1 20090315; DE 602007000639 D1 20090416; JP 3140177 U 20080313; US 2008155841 A1 20080703

DOCDB simple family (application)
EP 07150416 A 20071224; AT 07150416 T 20071224; DE 602007000639 T 20071224; JP 2007009966 U 20071227; US 61808206 A 20061229